

Disturbances Around a Body Moving in Plasma in the
Diffusion Approximation, by A. V. Gurevich,
L. P. Pitayevskiy, 6 pp.

RUSSIAN, per, Geomagnetiza, i Aeronomiya,
Vol XIII, No 5, 1963, pp 823-829.

AGU

Sci-
Aug 64

264,506

The Transition of Liquid He^3 Into the Superfluid
State, by L. P. Gor'kov, L. P. Pitayevskiy, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLII, No 2, 1962, pp 600-605.

AIP
Sov Phys - JETP
Vol XV, No 2

Sci
Sep 62

211,674

Concerning Disturbances Produced by a Body
Moving in a Plasma, by L. P. Pitayevskiy,
V. Z. Kresin, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XL, No 1, 1961, pp 271-281.

AIP
Sov Phys - JETP
Vol XIII, No 1

Sci
Aug 61

167,199

Van der Waals Forces in Liquid Films, by I. E.
Deyaloshinskiy, E. M. Lifshits, and L. P. Pitayevskiy,
10 pp.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol XXXVII(10),
No 1, 1960, pp 229-241.

Amer Inst of Phys
Sov Phys - JETP

Sci

Feb 60

108,055

Electric forces in a transparent dispersive medium,
by L. P. Pitayevskiy, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 5 (11), 1960, pp 1450-1458.

AIP
Soviet Phys - JETP
Vol XII, No 5

Sci

Jul 61

157,674

at the Department of Liquid Crystals,
L. N. Rykova, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,
No 6(10), 1960, pp 1794-1807.

Amer Inst of Phys
Sov Phys - JETP
Vol XXXVII, (10), No 6

Sci - Physics
Jul 60

123,137

For use in the Soviet Union in an electromagnetic
dielectric, I. E. Dymovskiy, L. P. Zayonchuk,
6 pp.

RUSSIAN, per, Zhur Znepor i Teoret Fiz, Vol XXXVI
(9), No 6, 1959, pp 1797-1805.

Amer Inst of Phys
Sov Phys-JETP

Sci

Jan 60

106,800

The Anomalous Skin Effect in the Infra-Red Region,
by L. P. Fitelevskiy 3 pp.

RUSSIAN, per, Zhur Ekspier i Teoret Fiz, Vol XXIV,
No 4, 1958, pp 622-624.

Amer Inst of Phys.
Sov Phys - JETP,
Vol VII (34), No 4

Sci - Phys

Nov 58

76.977

Calculation of the Phonon Part of the Mutual Friction
Force in Superfluid Helium, by L. P. Pitayevskiy,
3 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz, Vol XXIV,
No 5(11), 1958, pp 1271-.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 5

Sci - Phys

May 59

86,697

Phenomenological Theory of Superfluidity Near
the λ Point, by L. P. Pitayevskiy, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXV, No 2(8), 1958, pp 408-415.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 2

Sci - Phys

84,148

Apr 59

On the Theory of Superfluidity, by V. L. Ginsburg,
L. P. Pitayevskiy, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1240-1245.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 5

Sci - Phys
Dec 58

77,530

On the scattering of light in He^3 - He^4 mixtures, by L.P. Ger'kov, L. P. Piteevskii, 2 pp.

RUSSIAN, per. Zhur Eksp. i Teoret. Fiz., Vol. ³ 3, No 3 (9), 1957, pp. 634-636.

Amer Inst of Phys
Sov Phys- JETP
Vol 6(33), No 3

Sci - Phys

Jun 58

65, 144

Disturbance of the ionosphere at the
Surface of the Antenna Situated on an Artificial
Earth Satellite, by A. V. Gurevich, L. P.
Pitayevskiy.

RUSSIAN, per, 15th International Astronautical
Congress, Warsaw, Poland, Sep 7-12, 1964.

International Astronautical Federation (IAF)

(ABN-11541) (Papers "K Voprosy o Kosmonavticheskoy

Vozmushcheniy Ionosfery u Poverkhnosti

Antennay, Pomechennyy na 15th Printed in Poland

by Zaklad Graficzny PWN Lodz, 12pp.

*PTN-11-1178-67-C

Sci - Atmos Sci
Sept. 67

L.P. Pitayevskiy
140,125

(NY-22101)

Modification of Glutathione in the Liver and Spleen
and of the Liver Vitamin A Content in Rats Fed on
Diets Containing Synthetic Food Dyes, by V. Galea,
H. Gagli, I. Pitea, 5 pp.

RUSSIAN, per, Farmacia, Vol IX, No 2, 1961,
pp 89-92.

JPRS 9530

158,587

Sci. - Med

Jul 61

Calculation of Sulfur-Containing Res in Oils.
L. P. Andryeva, N. P. Pitulina.

RUSSIAN, per, Khim Prom, No 19-21, 1967, pp 21-23.

ATB RJ-110

Sci - Chem
Apr 60

04,517

(FDD 28581)

Conference on Problems of Dust Trapping, by N. P.
Pitalina, 4 pp.

RUSSIAN, no per, Gig 1 San No 12, Moscow, 1955,
pp 47, 48.

CIA/FDD U-9181

USSR

Sci - Medicine, hygiene

41,897

Nov 1956/CTS

Quantitative Investigation of the Temperature
Dependence of the Absorption and Fluorescence
Spectra of Complex Molecules, by I. V. Piterakaya,
H. G. Bakshiev, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXVII, No 5, 1963, pp 623-627.

CTT

Sci
Jun 64

261,904

Friction and Heat Exchange in a Turbulent Flow,
~~EXHIBIT~~ by G. P. Piteriskikh, 25 pp.

RUSSIAN, per, Khim Prom, No 8, 1954, pp 480-485.

Norris D. Friedman - P-151
\$7.50

Sci - Physics
Mar 59

939

84,391

On the Question of the Resonance Pertur- 35
bation of the Ionosphere on the Surface
of an Antenna Mounted on an Artificial
Earth Satellite, by

L. V. Gurevich, L. P. Pitayevskiy, 12 pp.

RUSSIAN, rpt. 87th International Astro-
nautical Congress, Warsaw, Poland,

Aug. 7-18, 1966, International Astronautical
Federation, pp 1-12.

AIR/OS/7-23-1270-67

AD 677691

L. P. Pitayevskiy

Sci/Astron Sci
Jan 69

353.220

~~Summary~~ Some Cold Test Results of the No. 1
Experimental Gas Generator of the Shatek Station
"Podzemgaz", by P. K. Pitin.

RUSSIAN, per, Podzemnaya Gazifikatsiya Uglei,
Vol III, 1957, pp 38-43.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 525

Sci - Engr

Jun 59

SLA 59-10202

89,935

Some Problems of the Shaftless Underground
Processing of Combustible Shales, by
V. K. Krukovskiy, R. M. Pitin, I. L. Farberov,
4 pp.

RUSSIAN, per, Podzemnaya Gazifikatsiya Ugley,
No 3, 1959, pp 8-10.

OTS 60-16587

Sci.
10 Mar 62
Vol. 4, No 4

187, 751

Underground Gasification, by R. H. Pittin, I. L.
Farberov.

UNKNOWN, London, 1958.

Dept. of Interior
TW7, E57, No 124

Sci - Fuels

Nov 59

100,591

Contribution To the Question of the Utilization
of Silica Gel in Chromatography, by Josef Pitua.

CZECH, per, Chem Listy, Vol LVI, 1962, pp 495-504.

HR 10-23-62

Sci - Chem

Dec 62

218,898

Flame Photometry Determination of Potassium and Sodium Ions in Normal Cows' Milk. Application to the Detection of Added Alkali in Milk and the Detection of Milk From Cows With Brucella Infection, by J. FERRA, with. Rigol. FARMACIA, par, Annales des Pratiques et de l'Expt. Chimie, No 685, 1961, pp 473-483. 82211A

**Sci - Biol/Med
Apr 64**

134,580

74
Orientation Relationship Between Cementite
and Austenite. By W. Pitsch
GERMAN, per, Acta Met., Vol. 10, Sept, 1962
pp. 897-899.
BISI 7469

W. Pitsch

Sci/phys
Dec 69

398,859

The Crystallographic Properties of
Deformation Twins in Martensite, by
G. Brando, V. Pitsch
Sci. Rep., Arch. Sci., vol 35,
July 1964, pp 667-675
BIB 3517

W. Pitsch
Sci/Materials
Sep 1968

364,12:

The Shape of Particles During Precipitation of
Carbide in α -Iron, by W. Pitsch, 6 25 pp.

GERMAN, per, Acta Metallurgica, Vol III, Nov 1955,
pp 542-548.

AEC UCRL Tr-711

Sci - Min/Metals
Feb 62

182,534

Precipitation of Carbon From a Supersaturated
Solution of K-Iron During Holding, by W. Pitsch,
K. Lucke. UNCL

CHIEFMAN, per, Arch Eisenhuettenwesen, Vol. 1956,
pp 45-50.

British Iron and Steel Ind
(no number given)

Vol - Chem
Sep 59

98,337

The Shape of the ~~Size~~ Particles of Carbide Precipitated from α -Iron, by W. Pitsch.

GERMAN, per, Acta Metallurgica, Vol V, 1957, pp 175-176. 9095778

C
NR0-02358

REC USR-Tr-711

Sci

Aug 59

95.694

The Form in Which Cementite Separates Out of Ferrite,
by Wolfgang Pitsch, Angelica Schrader, 11 pp.

GERMAN, par, Archiv fur das Eisenhüttenwesen, Vol XXIX,
No 8, 1958, pp 485-488.

SLA 60-16763

Sci

Apr 62

Vol IV, No 6

190, 284

Pitsch, Wolfgang and Schrader, Angelica.
THE FORM OF PRECIPITATION OF ϵ CARBIDE IN
FERRITE AND MARTENSITE DURING TEMPERING.
Dec 58 [23p. 21 refs.
Order from SLA \$2.60

61-18733

Trans. of Arch[iv] f[ür] d[as] Eisenhüttenwesen (West
Germany) 1958 [v. 29] no. 11, p. 715-721. (Max Planck
Institut für Eisenforschung. [Communication ?] 789).
Another trans. is available from SLA ml\$2.40,
ph\$3.30 as 60-16764 [1960] 15p.

DESCRIPTORS: *Ferrites, *Martensite, Heat treat-
ment, *Carbides, Precipitation, Electron diffraction
analysis, Crystal structure.

For abstract see Technical Translations 4: 474, 1961.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 9)

61-18733

- I. Pitsch, W.
- II. Schrader, A.
- III. Max Planck Institut für
Eisenforschung.
Communication 789

SLA 60-16764

Office of Technical Services

Iron Nitride Inclusions in Ferrite, by W. Pitsch.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXII, No 8, 1961, pp 493-500, 573.

BISI 2460

Sci - Chem

Jan 62

180,709

Orientation Relationship Between Cementite and
Austenite, by W. Pitsch.

GERMAN, per, Acta Metallurgica, Vol. 10, 1962,
pp 897-899
GB 49/1539

OSI - 5666

W. PITSCH

Sci -
Aug 67

335-665

The Crystallographic Properties of Cementite
Precipitation in Austenite, by W. Pitsch.

GERMAN, per, Archiv fur das Eisenhüttenwesen,
Vol 384 XXXIV, May 1963, pp 381-390.

BISI 3320

Ref - 84/11
Oct 63

345, 403

11
The Crystallographic Progress of the Precipitation
of Cementite in Ferrite and Austenite, by W. Pitsch
GERMAN, per, Arch. Eisenh., Vol 34, Aug. 1963,
pp 641-645
• BISI 5667

W. Pitsch

Sci - Mat
XXXXX July 67

~~SECRET~~

Pitakhelauri, E. N., Pospelova, T. A., and
Kruglikova, V. S.
DESULFURISATION PAR OZONISATION-ADSORPTION
DU KÉROSENE DE DISTILLATION DIRECTE (Ozo-
nising-Adsorption Desulfuration of Direct Distillation
Kerosene). 9p 7 refs FR-2090.
Order from OTS, ETC or CNRS \$0.80 62-26953

Trans. In French of Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft' i Gaz (USSR) [1961, v. 4] no. 6,
p. 81-87.

DESCRIPTORS: Petroleum *Kerosene, Ozone, Adsorp-
tion, *Sulfur, Decomposition, Distillation,
*Desulfurization.

(Engineering--Chemical, TT, v. 10, no. 10)

62-26953

I. Pitakhelauri, E. N.
II. Pospelova, T. A.
III. Kruglikova, V. S.
IV. F/R-2090
V. Centre National de la
Recherche Scientifique

Office of Technical Services

(FDD 27377)

The First Azerbaydahan Scientific Conference of Hygienists, Epidemiologists, Bacteriologists, and Infection Specialists, by G. M. Natadze, G. Z. Pitskhelauri, 5 pp.

RUSSIAN, no per, Gig i San, No 1, Moscow, Jan 1956, pp 55, 56.

CIA/FDD U-8421

USSR

36857 36893

Sci - Medicine, sanitation and hygiene

Chemical and Mineralogical Changes in Refractories
From the Regenerator of a Basic Open-Hearth Steel
Furnace, by I. A. Pitskhelauri.

RUSSIAN, per, Ogneupor'y, Vol XXI, No 5, 1956,
pp 207-210.

Co-Op Trans Sch Tr 340
£1.12s.

Sci - Chem; Min/met
May 57

48,027

Sci - Chem 57/2057

(FDD 28582)

Visiting Session of the Society of Hygienists
of the Georgian SSR in Batumi, by G. Z.
Pitakhelauri, 5 pp.

RUSSIAN, no per, Gig i San No 12, Moscow,
1955, pp 49, 50.

CIA/FDD U-9182

USSR

Sci - Medicine, hygiene

41,900

Nov 1956/CIS

Incidence of Temporary Loss of Work Capacity of
Workers of the Trans-caucasian Metallurgy Factory
iment I. V. Stalin and Measures for Reducing It,
by G. Z. Pitskhelauri, O. Sh. Dzhangavadze, 13 pp.

RUSSIAN, no per, Sov Med, Vol XII, No 5, Moscow,
1957, pp 136-142.

US JPRS/NY-L-34

Sci - Medicine; Loss of Work Capacity

61,223

J-407/60

(NY-3983).

The Physical Chemistry of Concentrated Ozone.
VI. The Explosive Sensitivity of Ozone-Oxygen
Solutions With Respect to Heat Impulses, by
V. V. Yastrebov, Ye. N. Pitakholauri, N. I.
Kobozev, 9 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 6,
1959, pp 1209-1213.

JPRS 2621

116,112

Sci - Chem/Physical
May 60

TANK-BORNE INFANTRY OPERATIONS, BY S. PITSURA,
4 PP.

RUSSIAN, PER, VOYENNY VESTNIK, NO 1, 1962.

ACSI 1-0424-A
ID 2191530

SCI

17 JUL 62

203,643

80
The Effect of Intermediate Grading Electrodes
on the Ignition Voltage of a Self-sustaining
Discharge in an h.v. Metal Tank Mercury arc
Rectifier, by S. V. Pitsyn, et al,
RUSSIAN, per, Radiotekhnika i Elektronika, Vol 4,
No 8, 1959, pp 1278-1283.
NLL Ref: 9022.09 (5117)

S. V. Pitsyn

Sci-Elec
Sept 69

390,337

T
Action in Vitro and in Vivo of Ascorbic Acid, Cortison
and Various Substances With SH Radicals on Hemolytic
Agglutinins, especially of the anti-Rh type, by M.
Layrisse, Z. Perez, Agüero, J. R. Pittaluga C, 20 pp.

Full translation.

SPANISH, per, Rev.de obst.e ginec., Vol XIV, No 1,
1954, pp 28-41.

NIH TR 716

Scientific - Medicine

28,172

NOV
.Oct 55
CTS/DEX

42
The Control Problem, by S. M. Bittel,
Moscow, for, Vestnik Leningrad University
Matematika i Mekhanika, 1964, pp. 76-87. P16028307-1
PRO-1-64-836

IPRS-25221 (9/6/64)

Sci. At.
Oct 67

342,871

Some Problems of Optimum Control II, by
B. G. Pittel', 13 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 11,
1963, pp 1441-1453.

ISA

Sci

May 64

259,654

Costa Rica - A Contribution on Its Orography
and Hydrography, by Henri F. Pittier, 57 pp.

GERMAN, rpt, Kostarika Beitrage zur Orographie
und Hydrographie, Sections I, II, 20 Jul 1912,
pp 7-39.

ACSI I-2289
ID 2229407

LA - Costa Rica
Geog
Nov '63

241,650

Le Bore Dans les Aciers. Aciers a Basse Teneur
en Bore, by D. Pittoni, 48 pp.

ITALIAN to FRENCH, per, La Metallurgia, Vol LI,
No 1, 1959, pp 21-34. 9093419

Reverse Translation
CEA X-255

Sci
21 May 62

144
Contribution to the Theory and Construction
of Main Spindle Bearings of Cutting Machine
Tools, by H. Pittroff.
GERMAN, per, Werkstatt und Betrieb, Vol 96,
No 4, 1963, pp. 221-31
NKC 69-11201-131

Sci-Mech
July 69

388,426

H. Pittroff

144
Groove Formation with Anti-Friction Bearings
as a Result of Vibration Whilst Stationary.
The Effect of Externally Excited Vibration on
Stationary Anti-Friction Bearings, by E. Lindt,
E. Pittroff.

GERMAN, new, Verein Deutscher Ingenieure
Zeitschrift, Vol 107, No 25, 1963, pp. 1219-
30.

DOC 69-11208-131

A. PITTOFF

Col-4800
July 69

308,889

The Gases From the Low-Temperature Carbonisation
of Hard Coals, Their Properties, Uses, and Pre-
paration, by Herbert Pika.

GERMAN, per, Das Gas- und Wasserfach, Vol LXXV,
1942, pp 321-327.

Dept of Int
US Bur of Mines
Br of Bituminous Coal Res
No 86

Sci - Fuels

Apr 59

84,770

(NY-6939)

The Effect of Gamma-Rays and Thermal
Processing on the Destruction of Anterxi-
dants in Lard, by V. I. Plul'skaya,
6 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XXI,
No 1, 1962, pp 65-68.

JPRS 13127

Sci - Med
Apr 62

189,345

The Assessment of the Means of Air Attack
From the Point of View of the AA Defense of
the Troops, by P. P. 9 pp. SECRET
POLISH, par. HYM Wojakowa, No 9, 1961,
pp 43-51. 9224708
MI 3 London
L.H. No 25(A)17

HEur - Poland
MI
Oct 61

253,036

The System of Anti-Air Defence of Troops, by
Petro, 4 pp. SECRET
PC 1221, par, Mysl Voprosy, No 11, 1963,
pp 35-36. 9232145
M. S. Lomon
LBr No 201A)16

EEur - Poland
MIL
Jan 64

260,277

Regions of the Type of the Upper Half-Plane in the
Theory of Functions of Several Complex Variables,
by I. I. Pjateckiĭ-Sapiro.

RUSSIAN, rpt, Proceedings of the International
Congress of Mathematicians in Stockholm, 1962,
pp 389-396.

3

Amer Math Soc

Sci - Math & Data Proc
Oct 63

241,499

Excerpt from Methanol Catalyzers, by V. A. Plotnikov,
K. H. Ivanov, 2 pp.

ru, 28
RUSSIAN, *28* Obshchei Khim, Vol I, 1931, pp 826-844.

SLA/R-2628

Sci
Apr 59

84,890

Virus and Cardiovascular System. The Electro-
cardiogram in Experimental Infection of Young
Mice with Coxsackie Group B Virus, by U.
Carcassi, A. Tuveri and F. Pitzus, 35 pp.

ITALIAN, per, Minerva Med, Vol XLVII, 1956,
pp 1378-1385.

SLA 57-3447

Sci - Aug 58

72,796

Virus and Cardiovascular System. The Electro-
cardiogram in Experimental Infection of Young
Mouse With Coxsackie Group B Virus, by U. Carcassi,
A. Taveri, F. Pitzus, 35 pp.

ITALIAN, per, Minerva Medica, Vol XLVII, 1956, pp
1378-1385.

NIH 12-30

Sci - Med

57,824

Jan 58

Effectiveness of 3,5-di(tert-butyl)-4-Hydroxytoluene
and Propyl Gallate as Antioxidants for Lard, by
D. G. Knorre, Yu. N. Iaskovskaya, V. I. Plul'skaya,
N. M. Emanuel, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6, 1959,
pp 1359-1362.

CB

Sci
Jul 60

121,021

Reduction of the Methane Emission During Roadway
Drivage, by G. Piven.

RUSSIAN, per, Shakhtnoye Stroitel, No 4, 1959,
pp 18, 19.

NLL 171-3215
NCB A.1874
P.532

Sci

Aug 61

List No 41

163,555

The Influence of Temperature on the Structural
Viscosity of Ceramic Slips and the Rate of
Body Formation, by I. Ya. Piven. URCL

RUSSIAN, per, Stklo i Keramika, Vol XI, No 9,
1954, p 8.

DSIR ILL M.1182

(loan)

Sci - Phys

108,362

Feb 60

Colored Floor Tiles From Kaolin Clays, by I. Ya.
Piven', 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIV,
No 12, 1957, pp 14-16.

CB

Sci
Aug 60

124,632

✓
The Liquefaction of Kaolin and Clay Suspensions, by
G. V. Kukolev, I. Ya. Piven, 6 pp.

Full translation.

RUSSIAN, bino per, Kolloid Zhur, Vol XVII, No 5,
Sept/Oct 1955, pp ~~342-346~~. CIA C 41475
357-363

Consultants Bureau

Scientific - Chemistry
Apr 56 CIB/dex

32,863

Alkylation of Phosphorus Diodide, by D. S. Levchenko,
Yu. V. Piven', A. V. Kirsanov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 1976-1980.

CB

Sci
Aug 61

162,568

The Construction of Some Approximate non-similarity
Solutions of the Problem of one-dimensional Unsteady,
Filtration in a Porous Medium, by A. M. Pivardyan,
7 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV, No 6, 1960
pp 1132-1135.

PP

Sci

Aug 61

533
166, ~~217~~

Pivko, V. M.
MECHANIZATION AND AUTOMATION OF TRANS-
PORT IN THE FOUNDRY INDUSTRY. [1961] 21p.
Order from STT \$15.00 STT-146-205

Trans. from Litsovo Proizvodstvo (USSR) 1960,
no. 12.

DESCRIPTORS: *Foundries, *Ores, Transportation,
*Automation.

(Metallurgy, TT, v. 7, no. 4)

62-12199

I. Pivko, V. M.
II. STT-146-205
III. SCIENTECH, Scientific and
Technical Translations,
Cleveland, Ohio

191239

Office of Technical Services

Edenycin and Antibrucellar Serum for the Treatment
of Sheep Experimentally Infected With Brucellosis,
by L. G. Pivniak.

RUSSIAN, no par, Veterinariya, Vol XXXIV, No 9,
Moscow, Sep 1957, pp 47-50. CIA 901437

USDA

Sci - Medicine
Doc 57

55, 801

6
Development of the shoe industry in the RPR.
by Leon Fivoleanu, 6 pp.
ROMANIAN, per, Industria Unara, No 3, 1964,
pp 213-217.
JPRS 26397

EE-Romania
Econ
Sep 64

207,231

The Plasticity of Steel and the Development of Inter-crystalline Fracture at High Temperatures, by A. V. STANYUKOVICH, Y. K. PIVNIIC, 10 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 1, 1960, pp 106-116.

PP

Sci

165, 518

A-g 61

The Effect of Sigma Phase on the Mechanical
Properties of Heat Resisting Steels, by E. E.
Levin, E. M. Pivnik, P. M. Litman.

RUSSIAN, per, Metal i Term Obra Metallov, No 9,
1959, pp 17-19.

HB 4966

Sci - Min/Met

Jun 61

156,829

The Heat Resistance of Austenitic-Ferritic
Deposited Metal, by V. N. Zensin, E. M. Pivnik,
H. A. Eroshkin, 8 pp.

RUSSIAN, per, Avtomat Svarka, Vol LXXXII, No 3,
1960, pp 37-45

BWRA

147,768

Sci

Apr 61

Long-Time Hot Strength of Nickel-Base Alloys,
by E. E. Levin, E. M. Pivnik,

RUSSIAN, per, Metal Form Obrat Metallov, No 6, 1959,
pp 46-50.

HB 4747

Sci - Min/Met

Apr 61

145,067

Formation of Sigma Phase in High-Alloy Austenitic
Steels and Alloys, by E. M. Pivnik.

RUSSIAN, no per, Fizika Metallov i Metallovedenie,
Vol II, No 3, 1956, pp 531-537.

Brutcher Tr 3981

\$5.80

Sci - Min/Met

Jan 58

57,368

The Nature of the Destruction and Methods of
Increasing the Resistance of Electric Furnace
Linings, by M. I. Kaibicheva, L. Ya. Pivnik,
10 pp.

RUSSIAN, per, Ogneupory, No 5-6, 1963, pp
259-268.

CB

Sci

May 64

239, 236

Deep Stabilization as a Method of Increasing
the Long-Term Heat Resistance and Ductility
of Alloys. by Ye. Ye. Lebin, Ye. M. Pivnik,
8 pp.

RUSSIAN, bk, Issledovaniya po Zharoprochnym
Sposobam. Moscow, Vol. VI, 1960, pp. 167-200.
9671484

FD MCL-1022/1

Sci - Min/Metal
16 Nov 61

173,307

Synthesis of the 2-Ethylene-ketal of Anti-Trans- #10-
Dodecahydrophenanthrenetrione-2,5,8. by
K. K. Pivnitskiy, I. V. Torgov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1961, pp 1080-1086

CB

200, 717

Sol
Apr 62

Oxidation of Unsymmetrical Tetra- and Trisubstituted
Furanidones-3 by Selenium Dioxide, by I. K.
Korobitsyn, E. K. Pivitskiy, Yu. K. Yuryev, 5 pp.

RUSSIAN, Izv. Vuzov Obshch Khim, Vol XXIX, No 12,
1959, pp 3880-3884.

CB

Sci

Nov 60

139,205

A Study of Complex Formation in Solutions of Ternary Systems by the Methods of Physico-Chemical Analysis. VII. The System $AlBr_3-(C_2H_5)_2O-C_6H_6$, by E. Ya. Gorenbein, V. L. Pivnutel, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1, 1957, pp 20-22.

Consultants Bureau

1Sci - Chem

Jun 58

65,251

Investigation of Complex Formation in Solutions of Ternary Systems With Cryoscopic Methods. II. System $\text{AlBr}_3-(\text{C}_2\text{H}_5)_2\text{O}-\text{C}_6\text{H}_6$, by E. Ya. Gorenbein, V. L. Pivintsel, I. A. Gerasun, 4 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4, April 1953, pp 544-546.

Consultants Bureau Tr

Scientific - Chemistry

13,215

(IN-101)

Cancer Therapy by Means of Intratumoral
Deposition of Radioactive Colloids and
Suspensions. Results and Limits of
the Treatment, by M. Klvana, M.
Elvonen, M. Zaduban, 6 pp.

CZECH, par, Neoplasma, Vol VIII.
No 3, 1961, pp 331-335.

JPRS 11903

Sci - Med

179,066

Jan 62

BETTER UTILIZATION OF SPECIALISTS IN THE
PEOPLE'S ECONOMY OF THE REPUBLIC, BY
K. PIVORYUNAS, 5 PP.

RUSSIAN, PER, KOMMUNIST, NO 10, 1962,
PP 57-60.

JPRS 17280

USSR
ECON
JAN 63

220,644

Electron Loss and Capture by 200-1500 kev Helium Ions
in Various Cases, by L. I. Pivovarov, V. M. Tubayev,
M. T. Novikov, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 1, 1961, pp 26-31.

AIP
Sov Phys - JETP
Vol XIV, No 1

Sci

Mar 62

188, 122

Dissociation of Molecular Hydrogen Ions in
Collisions with Gas Molecules, by L. I.
Pivovarov, V. M. Tubayev, M. T. Novikov, 4 pp.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz,
Vol XL, No 1, 1961, pp 34-39.

AIP
Sov Phys - JETP
Vol XIII, No 1

Sci
Aug 61

167,172

Compact 1.5-Mev Electrostatic Accelerator, by
L. I. Pivovarov, V. M. Tubayev, M. T. Novikov,
7 pp.

RUSSIAN, Izv. Akad. Nauk, Zhur Tekh Fiz, Vol XXX, No 1,
1960, pp 74-81.

AIP
Sov Phys - Tech Phys
Vol V, No 1

Sci
Aug 60

124,501

Application of the Detailed Balancing Ratio

$\frac{0.12031 \cdot 0.23}{0.1013 \cdot 0.32} = 1$ to an Ion Beam of Fixed Composition, by M. I. Korsunskiy, Kh. L. Leviant, L. I. Pivovarov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII, No 5, pp 664--

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

57, 657

Aug 57

Electron-Atom Cross sections of Li and Be Ions
in the 80-250 KeV Energy Range, by Kh. L. Leviant,
M. I. Korsunskiy, L. I. Pivovarov, I. N. Pol-
gornyi, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CIII, 1955, pp 403-405.

AEC TR 2712

Sci - Electronics
Jun 57

48,623

Determination of the Effective E Cross Section
for Electron Loss by Atomic Nitrogen Ions in the
Energy Range of 485 to 1180 KEV, by
M. I. Korsunskiy, L. I. Pivovarov, A. M. Markus,
Kh. L. Leviant, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIII,
1955, pp 399-402.

AEC Tr 2391

Associated Tech Services
(Tr 8358R)

East Orange, N. J. 32,156

Scientific - Chemistry
Physics

Mar 56 CTS/DEX

Investigation of the Dielectric Strength of
Certain Compressed Gases and Gaseous Mixtures
by Means of an Electrostatic Generator, by
L. I. Pivovarov, and V. M. Tabayev. 20 pp.

RUSSIAN, bk, Elektrostaticheskiye Generatory,
Moscow, 1959, 9667891

FTD-TT-61-416

Sci-Engr
Mar 63

224, 823

Micro-Discharges and Pre-Discharge Currents Between
Metal Electrodes in High Vacuum, by L. I. Pivovarov,
V. I. Gordiyenko, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10,
1958, pp 2289-2294.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 10

Sci - Phys

Jun 59

90,096

Differential and Integral Cross Sections for the
Loss and Capture of Electrons by Singly Charged
Argon Ions at 250-1400 keV Energies.(E), by
L. I. Pivovarov, M. T. Novikov, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLVI,
No 2, 1964, pp 471-481.

Amer Inst of Phys
Sov Phys-JETP
Vol XII, No 2

Sci
Sep 64

266,544

A Study of the Dielectric Strengths of Certain
Compressed Gases and Gas Mixtures by the Use
of an Electrostatic Generator, by L. I.
Pivovarov, V. M. Tubayev, 9 pp.

RUSSIAN, per. Zhur Tokh Fiz, Vol XXVIII, No 7,
1958, pp 1538-1548.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XII, No 7

Sci - Phys

83,103

Mar 59

Detection of a Molecular Beam by Changing the Electroconductivity of the Condensate, by M. I. Korsunskii, I. I. Pivovarov, A. M. Markus.

Full translation.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XX, USSR, 1950, pp 860-861.

AEC Tr 1253

Scientific - Physics

A-5887

(FDD 26406)

Cultivator and Plant Food Distributor KRT-4.2, by
S. Pivovar.

RUSSIAN, per, Mashino-Traktornaya Stantsiya,
May 1955, pp 41, 42.

CIA/FDD Sum 739

USSR

Econ - Technological, machine building

28,467

Determination of the Optimum Process Temperatures
for Catalytic Cracking, by A. T. Pivovarev, 72
RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol 9, No 9, 1964, pp 7-10.
ATS RJ-5398

A. T. Pivovarev

Sci-Chem
June 70

Effect of solar radiation penetrating into the sea in
forming the water temperature, by A. A. Pivovarov.
RUSSIAN, per, Okeanol, Vol III, No 2, 1964, pp 214-216.
9217373
DND Canada T 416 R

Vol - ES
Jun 65

279,620

Pivovarov, A. A.

Investigation of the Oxidation of Alloys Containing the
Intermetallic Compound NiAl , by S. I. Mozhukhin, L. Kh.
Pivovarov, and Ya. S. Ulanov, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 11, 1957,
pp 1893-1898.

Consultants Bureau

Sol - Chem

Feb 59

82,159